

菲

# Phenanthrene

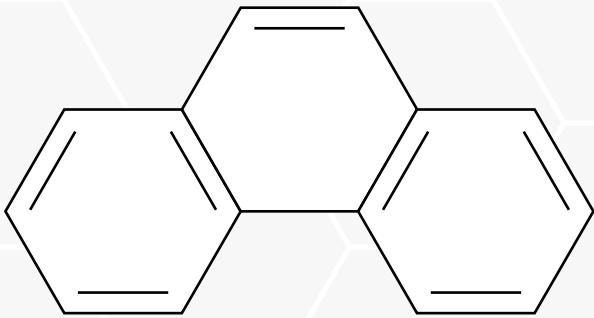
作者:百度纸飞机吧 @武仙大兜虫

Author: CeoffreyLions

设计 / Designed: 2020/04

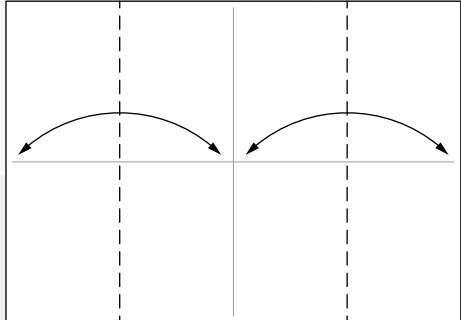
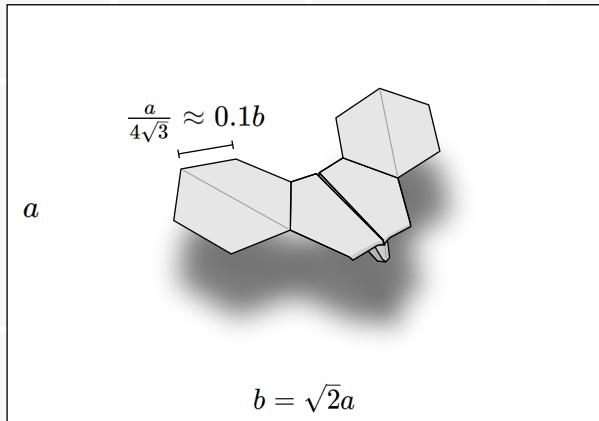
修改 / Revised: 2020/12

绘图 / Diagrammed: 2020/05; 2021/07

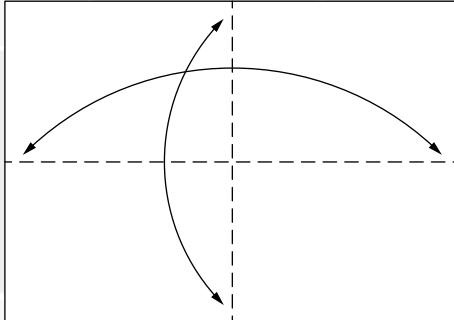


## “六边形战士，一键三连！”

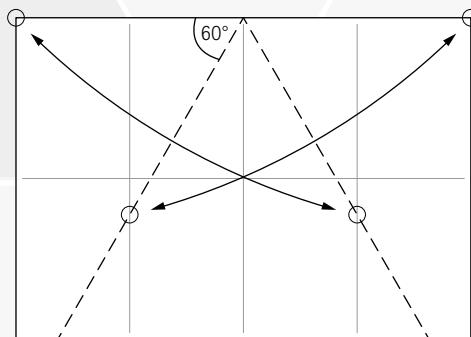
受“苯”(@残页纸断行诗)和“萘”(@勿念2333)  
启发创作了这架由三个正六边形构成的纸飞机，  
飞行性能良好。此版本针对上一版头部过厚、容  
易开裂的不足进行了优化，并加入了多个锁定结  
构，使得成品完全不用粘胶，且更容易调整。



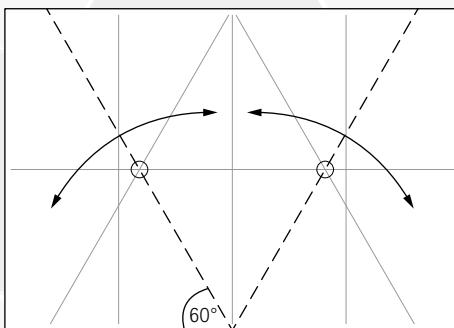
2. 继续对折, 将长边四等分



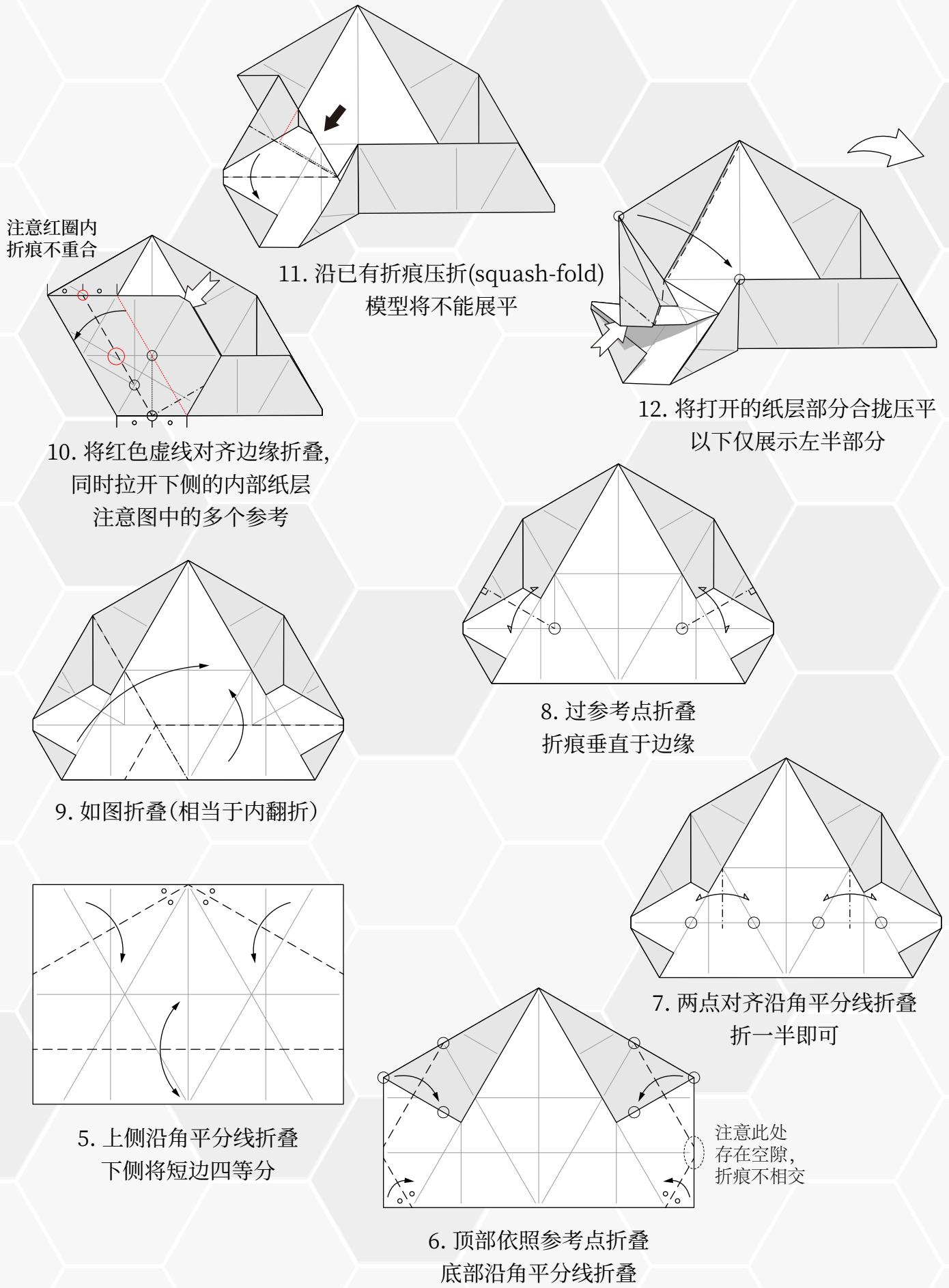
1. 沿长边和短边各对折一次

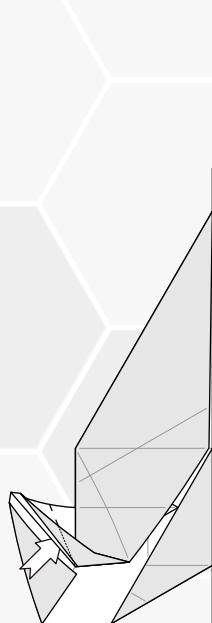


3. 让顶点落在对侧四等分线上  
形成60度折痕

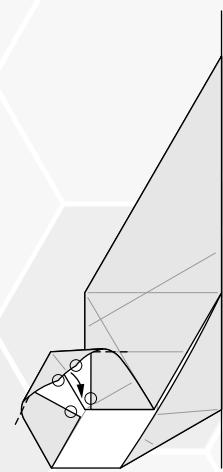


4. 对侧重复操作

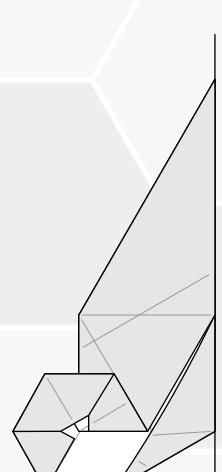




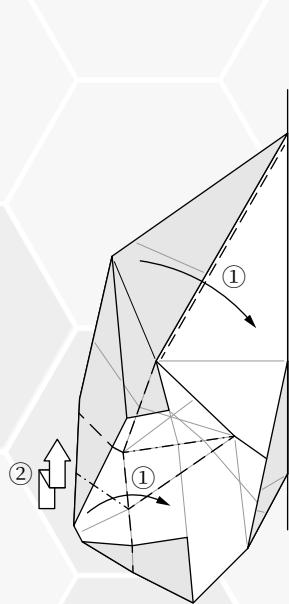
13. 继续压平左侧的纸层



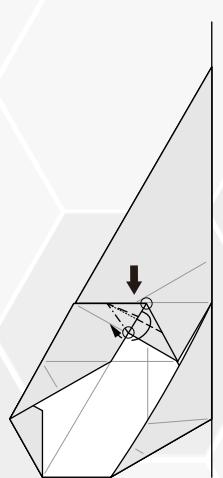
14. 依照参考点压折  
(squash-fold)



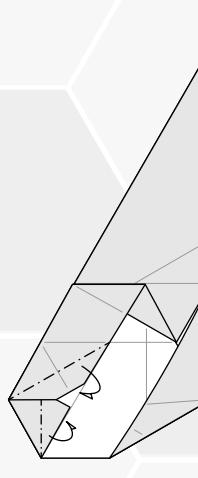
15. 将纸层部分打开  
模型将不能展平



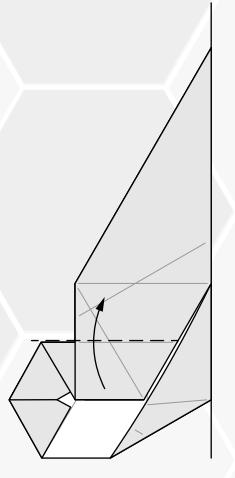
16. 调整折痕方向,重新合拢纸层  
先向内折叠边缘①,再段折②



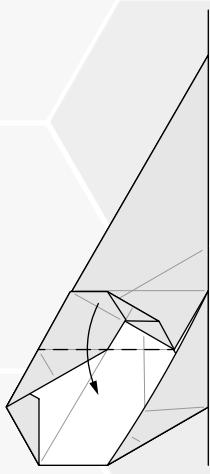
19. 顶角内翻折  
塞入口袋



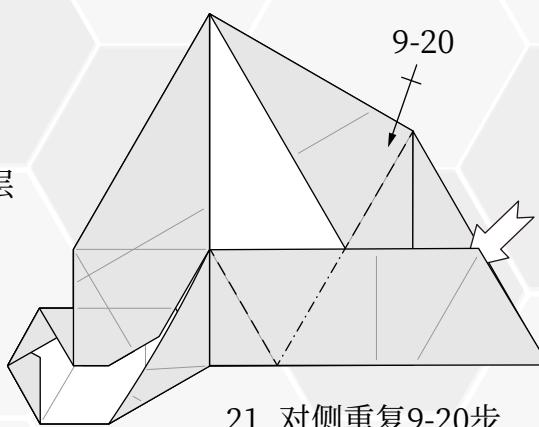
18. 向内卷折加强翼缘



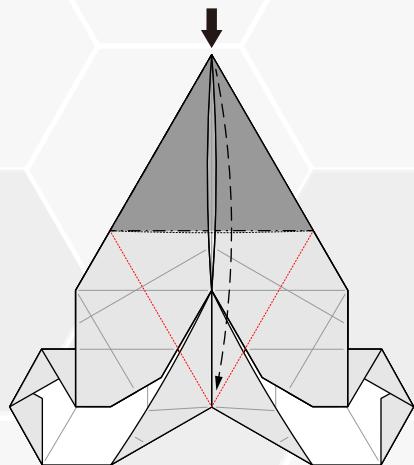
17. 向上翻开顶部纸层



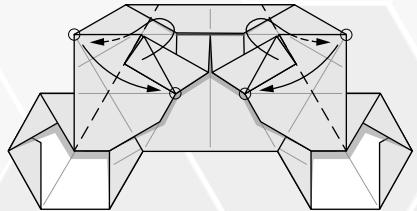
20. 复位顶部纸层



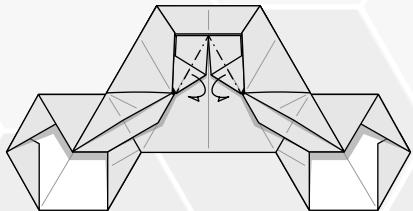
21. 对侧重复9-20步



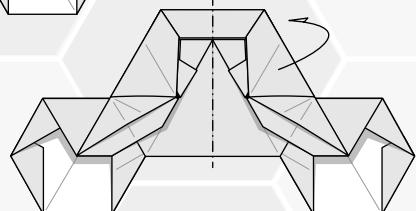
22. 顶角开放沉折(open-sink)  
塞入下侧口袋



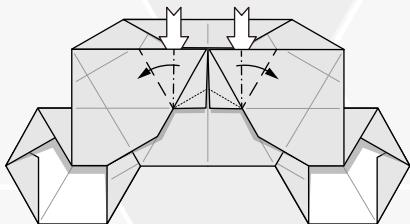
29. 两点对齐折叠并将纸角塞入口袋



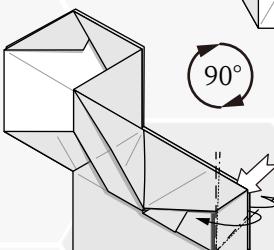
30. 向内折叠



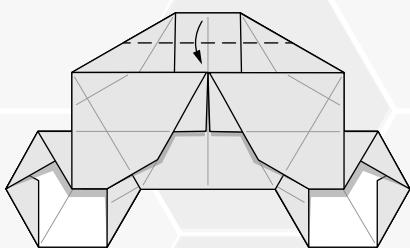
31. 沿中线对折



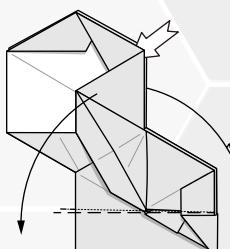
28. 撑开口袋向两侧压折(squash-fold)



32. 封头



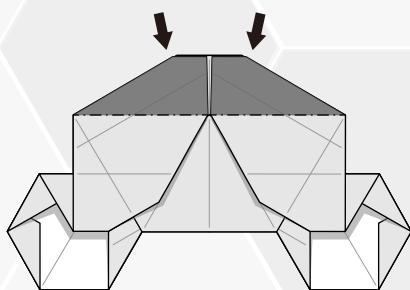
27. 上侧对折



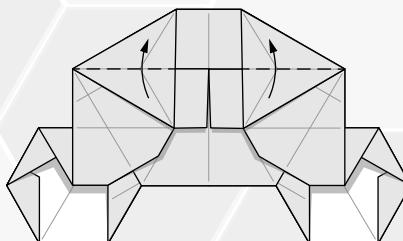
33. 折出机翼



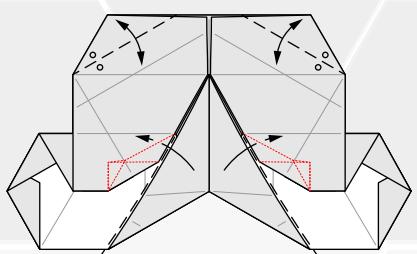
完成



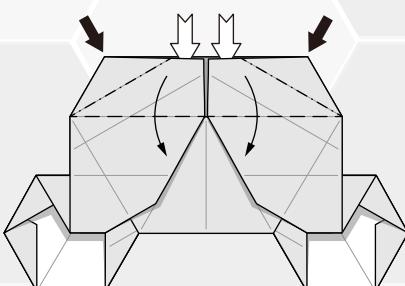
26. 闭合沉折(closed-sink)



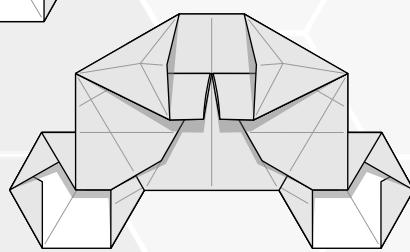
25. 上翻纸层



23. 下侧三角形塞入19步形成的口袋  
上侧沿角平分线折叠



24. 扩展沉折  
(spread-sink)



24步过程图